

Amendments to the Claims

1-9. (Cancelled)

10. (Currently amended) A magnesium based alloy with improved corrosion resistance, containing consisting essentially of 1.5-5 weight % Al, 0.6-1.4 weight % Si, 0.01-0.6 weight % Mn, 0.01-0.4 weight % RE, up to 0.5 weight % Zn, the balance being Mg and impurities.

11. (Previously presented) The magnesium alloy according to claim 10, wherein the Zn content is in the range 0.1-0.3 weight %.

12. (Previously presented) The magnesium alloy according to claim 10, wherein the Mn content is in the range 0.01-0.3 weight %.

13. (Previously presented) The magnesium alloy according to claim 10, wherein the rare earth elements are Misch metal.

14. (Currently amended) The magnesium alloy according to claim 10, containing consisting essentially of 1.9-2.5 weight % Al, 0.7-1.2 weight % Si, 0.15-0.25 weight % Zn, 0.01-0.3 weight % RE and 0.01-0.2 weight % Mn, the balance being Mg and impurities.

15. (Currently amended) A method of improving the corrosion resistance of magnesium-aluminium-silicon alloys, where Mn is added which comprises adding Mn to the alloy in order to reduce Fe impurities, by keeping and adding a small amount of RE to keep both Mn and Fe at a low level by adding small amounts of RE, resulting in an alloy with improved corrosion resistance consisting essentially of Mg, Al, Si, Mn and RE.

16. (Previously presented) The method according to claim 15, wherein the Mn content is kept above 0.01 weight %.

17. (Previously presented) The method according to claim 15, wherein the RE content is kept in the range 0.01-0.4 weight %.